

JUL 28 2004

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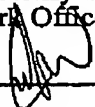
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I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on 28 July 2004.

 Christine Crawford - Assistant to Craig A. Ash

28 July 2004

FAX TRANSMITTAL*This is page 1 of 12 pages*

To: Assistant Commissioner for Patents *by fax no. 1 - 703 - 872 9306*
 P O Box 1450
 Alexandria, VA, 22313-1450

From: Craig A. Ash

Re: :

Inventor(s): WALTER, Bruno
 Title: ACOUSTIC FLOW PULSING APPARATUS AND METHOD FOR
 DRILL STRING

Serial No.: 10/614258
 Filed: 8 July 2003
 Examiner: TSAY, Frank Art Unit: 3672

ENCLOSURESTRANSMITTAL LETTER
SUPPLEMENTAL AMENDMENT2 PAGE
9 PAGESConfirmation: ☐ follows by mail; ☐ follows by courier; ☒ will not follow

In the event of transmission problems, please telephone Christine Crawford at 604-669-3432 extension 9060.

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Christine Crawford - Assistant to Craig A. Ash

File No.: L305 0003
CAA/cc

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith for filing in regard to the patent application of:

Inventor(s): WALTER, Bruno
Title: **ACOUSTIC FLOW PULSING APPARATUS AND METHOD FOR DRILL STRING**
Serial No.: 10/614258
Filed: 8 July 2003
Examiner: TSAY, Frank
Date: July 28, 2004
Art Unit: 3672

Enclosed are:

- ☒ Supplemental Amendment.
- ☒ The Commissioner is hereby authorized to charge the indicated fees (\$27.00) or credit over-payment, to Account No. 02-1037
- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 02-1037.

CLAIMS AS AMENDED					
For	No. after amendment	No. paid for previously	Present Extra	Rate	Fee
Total Claims (>20)	25	21	4	\$18.00	\$ 72.00
Indep. Claims (>3)	0	0	0	\$86.00	\$ 0.00
Multiple Dep. Claims	0	0	0	\$280.00	\$ 0.00
TOTAL FEES					\$ 72.00
Reduction by 50% for filing by small entity (Note 37 CFR 1.27)					\$ 36.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$ 36.00

Respectfully submitted,
OYEN WIGGS GREEN & MUTALA

By:



Craig A. Ash
Registration No. 48,228

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Christine Crawford - Assistant to Craig A. AshL305 0003
GNM/CAA/cc

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

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Title: ACOUSTIC FLOW PULSING APPARATUS AND METHOD FOR
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Examiner: TSAY, Frank Art Unit: 3672
Date: 28 July 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

SUPPLEMENTAL AMENDMENT**Introductory Comments**

Supplemental to the Amendment filed on 21 July 2004, please amend this application as follows:

- Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.
- Remarks/Arguments begin on page 9 of this paper.